

**DIRECT MICRO-PATTERNING OF LIPID
BILAYERS USING UV LIGHT AND SELECTED USES THEREOF**

ABSTRACT OF THE DISCLOSURE

5 This invention provides novel methods for creation of patterned lipid
bilayer membranes as well as methods for refunctionalization of such patterned
membranes with selected components. Such components optionally comprise, e.g., lipid
bilayer membranes (which optionally comprise specific proteins), proteins, non-biologic
moieties, etc.

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